



## PATENT ABSTRACTS OF JAPAN

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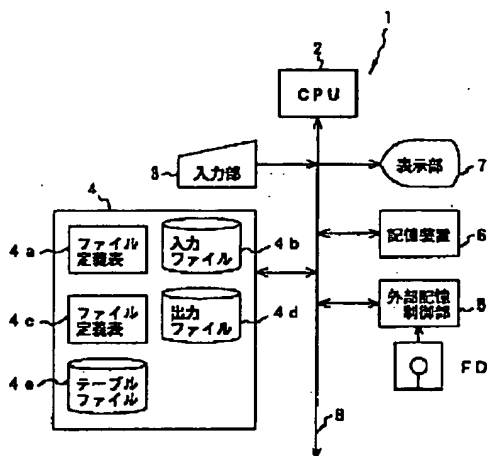
**G06F 12/00****G06F 3/14**(21) Application number: **08089472**(71) Applicant: **CASIO COMPUT CO LTD**(22) Date of filing: **11.04.96**(72) Inventor: **IZAWA YUICHI**(54) **FILE SETTING METHOD**

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a file setting method for simplifying setting operation at the time of setting an index table to the setting item of a setting object file and at the time of setting an item from a file in linkage relation.

**SOLUTION:** In a file definition processing, a CPU 2 reads the respective definition item name lists of the input/output files of specified input file and output file from file definition charts 4a and 4c inside a RAM 4, reads the item name list of a specified table from a table file 4e inside the RAM 4 and displays the read contents at a display part 7. Then, when respective item positions are specified in the displayed definition item name list of the input file and the item name list of the specified table and dragging and dropping operations to the desired item of the output file are performed, setting is performed as the setting contents of the desired item and an index expression is set from the setting contents.



(57) [Abstract]

[Problem] The present invention provides a file setting method for facilitating a setting operation when an index table is set in a set item of a file to be set, or an item is set from a file having a link relation.

[Solving Means] In a file definition processing, a CPU 2 reads out respective definition item name lists of input and output files of a specified input file and output file from file definition tables 4a and 4c in a RAM 4, reads out an item name list of a specified table from a table file 4e in the RAM 4, and displays the readout content on a display portion 7. Then, in the displayed definition item name list of the input file and the item name list of the specified table, respective item positions are specified, and when a drag-and-drop operation to a desired item of the output file is performed, setting is made as the set content of the desired item, and an index expression is set from the set content.

[0037] First, a file definition processing executed by the CPU 2 will be described on the basis of a flowchart shown in FIG. 2.

[0038] When the file definition processing of FIG. 2 is started,

first, an output file specifying processing, an input file specifying processing, and a table specifying processing are executed (steps S1 to S3).

[0039] That is, in the file definition processing, it is necessary to specify input and output files and a table. For example, it is assumed that in an input window and an output window as shown in FIG. 3, the specifying processing of an input file, an output file, an input item, a table, and the like, necessary for the file definition processing is performed.

[0040] First, in the output window of FIG. 3, when "business specification total" is specified as an output file name, a file definition table of the "business specification total" file is read out from the file definition table memory 4c in the RAM 4, and is displayed as shown in FIG. 3 (step S4).

[0041] At this time, in the file definition table of "business specification total" displayed in the output window of FIG. 3, an item No. column, a physical item name column, an attribute column, and a digit number column are set, and it is assumed that the respective data of the physical item name, the attribute, and the digit number are previously set in the respective fields of the file definition table of the "business specification total" read out from the file definition table memory 4c.

[0042] Next, in the specifying processing in the input window of FIG. 3, there is shown a state in which "business specification"

is specified as an input file name, "business specification 1" is specified as a processing name, and "addition total" is specified as a renewal condition among six radio buttons ("addition", "addition total", "deletion", "correction", "addition correction", "voucher designation") which are shown in the drawing and set renewal conditions. With respect to this specified input file "business specification", an item definition list set for the "business specification" and a business specification item list having a link relation to the "business specification" file are displayed (step S5).

[0043] In the item definition list in this input window, item names previously set for the specified input file "business specification" are displayed in a list, and the item names displayed in the list can also be set by selecting an item name from the business specification list displayed at the right.

[0044] Next, the respective item name lists of the specified table are read out from the table file 4e in the RAM 4, and are displayed in the input window of FIG. 3 (step S6). In the case of FIG. 3, as the respective item name lists of the specified table, a business establishment table (business establishment tb) and an account table (account tb) set correspondingly to a trading business establishment cd and an account cd among the respective items of the business specification item list are displayed.

[0045] Incidentally, in FIG. 3, "# index (business establishment

tb, trading business establishment cd, business establishment name)" is displayed as an index expression in the uppermost portion in the drawing. However, in the processing state of the present steps S1 to S6, the processing does not proceed to a stage where the index expression is set.

[0046] Next, when an item is specified in the item definition list, the business specification item list, the business establishment table, or the account table in the input window of FIG. 3 (step S7), it is judged whether the specified item position is in the business establishment table or the account table (step S8). In the case where the specified item position is in the business establishment table or the account table, the specified item is dragged and dropped (step S9), and can be moved to a desired position of the item definition list in the input window or a desired position of the physical item name column in the output window.

[0047] Next, it is judged whether or not a movement destination of the specified item is the physical item name column in the output window (step S10). In the case where the movement destination is the physical item name column in the output window, the specified item name is set as a set item name (step S11), and in the case where the movement destination is not the physical item name column in the output window, it is judged whether or not the movement destination is the item definition list in the input window (step S12).

[0048] In the case where the movement destination of the specified item is not the item definition list in the input window, the procedure returns to the item position specifying processing of step S7, and in the case where the movement destination of the specified item is the item definition list, the specified item, together with the specified item set at step S11, is set in the index expression (step S13), and the procedure returns to the item position specifying processing of step S7.

[0049] With respect to the index expression set at this step S13, the index expression is set by the table name of the item specified at step S7 and the key item name, and the item name set in the physical item name column in the output window at step S11. In this case, "business establishment tb" is set as the table name, "business establishment cd" is set as the index item name, and "business establishment name" is set as the set item name. As a result, the index expression becomes "# index (business establishment tb, business establishment cd, business establishment name)" as shown in FIG. 3.

[0050] Besides, at step S8, in the case where the item position specified at step S7 is not in the business establishment table or the account table, it is judged whether or not the specified item position is the position of the business specification item list in the input window (step S14). In the case where the specified item position is the position of the business specification item

list in the input window, the specified item is dragged and dropped (step S15), and can be moved to a desired position of the item definition list in the input window or a desired position of the physical item name column in the output window.

[0051] Then, it is judged whether or not the movement destination of the specified item is the physical item name column in the output window (step S16). In the case where the movement destination is the physical item name column in the output window, an item name in the business specification item list in the specified input file, and an attribute set in this item are set as a name attribute of the set item (step S17). In the case where the movement destination is not the physical item name column in the output window, it is judged whether or not the movement destination is the item definition list in the input window (step S18). In the case where the movement destination of the specified item is not the item definition list in the input window, the procedure returns to the item position specifying processing of step S7, and in the case where the movement destination of the specified item is the item definition list, the specified item, together with the specified item set at step S17, is set in the item definition list in the input window (step S19), and the procedure returns to the item position specifying processing of step S7.

[0052] When the above file definition processing is executed, by merely specifying and performing a drag-and-drop operation from

the business establishment table or the business specification item list in the input window of FIG. 3, as shown in the physical item name column of No. 16 in the output window of FIG. 3, the item of "business establishment name" can be set.

[0053] Besides, as shown in the final line of the item definition list in the input window of FIG. 3, also when the index expression is set, setting can be made by merely specifying the item in the table and performing the drag-and-drop operation.

[0054] Accordingly, by repeatedly executing the file definition processing, setting of the index expression to the desired item of the file to be set can be simply performed by the drag-and-drop operation. Besides, item setting itself can also be simply performed by the drag-and-drop operation.